

ABSTRACT OF THE DISCLOSURE

An ophthalmic implant for treatment of glaucoma, a delivery device for implanting such an implant, and a method of implanting such an implant. The implant includes a tube having an inlet end, an outlet end, and a tube passage therebetween, and a flanged disk connected to the tube at the outlet end of the tube. The tube passage has a cross-sectional area sufficiently small to inhibit the flow of aqueous humor through the tube passage when the IOP is below a threshold amount. The tube at its inlet end has a beveled surface facing away from the iris and one or more circumferential holes. One or more retention projections are provided for anchoring and may be extended outwardly when the implant is implanted in the eyeball. The flanged disk has an outer rim and one or more inner uprights. The implant is implanted by use of a delivery device comprising a handle and a rodlike instrument, with a tip for insertion into the tube passage of the implant and a retention mechanism for retaining the implant. During implantation, the implant is inserted through a slit in a portion of the conjunctiva which normally lies at a distance away from the intended implantation site.